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February 28, 2003

Mr. Scot Cullen, Chief Electric Engineer  
Public Service Commission  
610 N. Whitney Way  
P.O. Box 7854  
Madison, WI 53707-7854

RE: In the Matter of Filing Reporting Requirements for Appropriate Inspection and  
Maintenance, PSC Rule 113.0607(6)

Dear Mr. Cullen:

Enclosed for filing are 3 copies of Cedarburg Light & Waters's report to the commission,  
submitted every two years, showing compliance with its Preventative Maintenance Plan.

Very truly yours,

Steven Bell  
Electric Superintendent

Enclosures

RECEIVED

Electric Division



# **TWO YEAR REPORT DOCUMENTING COMPLIANCE WITH THE PREVENTATIVE MAINTENANCE PLAN**

**Cedarburg Light & Water**

**FILING DEADLINE  
FEBRUARY 1, 2003**

February 28, 2003

Steven Bell

N30 W5926 Lincoln Blvd.

Cedarburg, WI 53012

262-375-7560

[sbell@wppisys.org](mailto:sbell@wppisys.org)

**RECEIVED**

**FEB 28 2003**

**Electric Division**

This report format was prepared by the MEUW work group for PSC Rule 113.0607 for use by the 82 municipal electric utilities in Wisconsin and endorsed by PSC staff as meeting the requirements of Rule PSC 113.0607.

## **VII INSPECTED CIRCUITS & FACILITIES**

### **FEEDER 20, LINCOLN SUBSTATION**

- ◆ Meter count for this feeder is 140, primarily residential, apartments with some commercial.
- ◆ Of the distribution plant two thirds is underground and between 25 – 35 years of age.
- ◆ Of the overhead distribution plant half was rebuilt in 1998 with the remaining averaging about 36 years of age.
- ◆ There are no plans for reconstruction of portions of this feeder for the next 5 years

### **FEEDER 22, LINCOLN SUBSTATION**

- ◆ Meter count for this feeder is 411, primarily residential, industrial with some apartments
- ◆ Of the distribution plant two thirds is overhead with half of the plant being rebuilt in the year 2000. The remaining overhead will be replaced within the next 5-7 years for voltage conversion
- ◆ The underground portion of this feeder varies from 10-30 years of installation date a portion of this will also be replaced for the voltage conversion in the next 2-5 years.

### **FEEDER 26, LINCOLN SUBSTATION**

- ◆ Meter count for this feeder is 61, primarily commercial with some apartments.
- ◆ Of the distribution plant two thirds is underground with an installed date of about 20 years
- ◆ The overhead portion also has an installed date of about 20 years
- ◆ There are no plans for reconstruction of portions of this feeder for the next 5 years

## **VIII SCHEDULING GOALS ESTABLISHED AND SUCCESS OF MEETING THE CRITERIA**

It was this utility's goal to complete all monthly substation inspections and to inspect one fifth of the distribution system. In addition all non-critical and priority maintenance item were repaired the day that they were found. All of the inspection goals were met or exceeded. There were 6 non-critical maintenance and 6 priority maintenance items found and again all were repaired the same day that they were found. Portions of Feeder 22 are scheduled to be converted to a higher voltage within the next two to five years.

## **IX FACILITY CONDITION – RATING CRITERIA**

During the past year one fifth of the distribution system was inspected and all monthly substation inspections were performed on time. None of the maintenance items were responsible for any disruption of customer service and were repaired the same day they were found. Most of the system is 20 – 30 years old and is in good condition but aging.